

Title (en)
VEHICLE MONITORING DEVICE, VEHICLE MONITORING SYSTEM, TERMINAL DEVICE, AND VEHICLE MONITORING METHOD

Title (de)
FAHRZEUGÜBERWACHUNGSVORRICHTUNG, FAHRZEUGÜBERWACHUNGSSYSTEM, ENDGERÄT UND FAHRZEUGÜBERWACHUNGSVERFAHREN

Title (fr)
DISPOSITIF DE SURVEILLANCE DE VÉHICULE, SYSTÈME DE SURVEILLANCE DE VÉHICULE, DISPOSITIF DE TERMINAL ET PROCÉDÉ DE SURVEILLANCE DE VÉHICULE

Publication
EP 2733937 A1 20140521 (EN)

Application
EP 12810768 A 20120627

Priority

- JP 2011153725 A 20110712
- JP 2011153735 A 20110712
- JP 2012066367 W 20120627

Abstract (en)
Provided is a vehicle monitoring system (1000) provided with: a control device (10) for performing a monitoring-image-forming function for forming a single monitoring image in which captured images taken by cameras (1) installed in a clockwise or counterclockwise direction around the circumference of the body of a vehicle V are disposed according to the order in which the cameras (1) are installed, a mapping-information-assigning function for appending, to the monitoring image, mapping information for projecting a monitoring image K onto projection surfaces S established by the side of a columnar-shaped projection model M having the surface upon which the vehicle V rests as a bottom surface, and a transmission function for transmitting information containing the monitoring image K with appended mapping information to an external terminal device (800); a communication device (400); and an external terminal device (800).

IPC 8 full level
H04N 7/18 (2006.01); **B60R 25/10** (2013.01); **G06T 3/40** (2006.01); **G08B 13/00** (2006.01); **G08B 21/00** (2006.01); **G08B 25/00** (2006.01)

CPC (source: EP US)
B60R 25/10 (2013.01 - EP US); **B60R 25/305** (2013.01 - EP US); **G06T 3/4038** (2013.01 - EP US); **G08B 13/19608** (2013.01 - US); **G08B 13/19654** (2013.01 - US); **G08B 13/19663** (2013.01 - US); **H04N 7/18** (2013.01 - EP US); **H04N 7/181** (2013.01 - US); **G08B 13/19647** (2013.01 - EP US)

Cited by
US11383642B2; EP3160138A4; CN110945558A; EP3664014A4; US10449900B2; US10848720B2; WO2018099738A1

Designated contracting state (EPC)
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EP 2733937 A1 20140521; **EP 2733937 A4 20150520**; CN 103650485 A 20140319; JP 5648746 B2 20150107; JP WO2013008623 A1 20150223; US 2015109446 A1 20150423; WO 2013008623 A1 20130117

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